# ANNUAL REPORT

OF THE

# ARCHÆOLOGICAL SURVEY

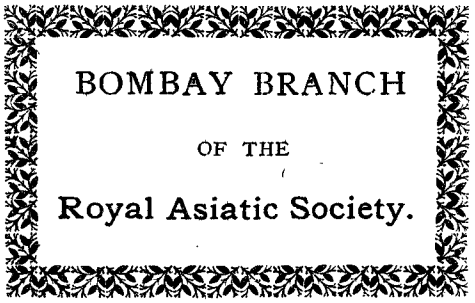
# EASTERN CIRCLE,

FOR

## 1909-1910.

CALCUTTA:
BENGAL SECRETARIAT PRESS.
1910.

[*Not for sale*]

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No. 157.

FROM A. H. LONGHURST, ESQ.,

*Offg. Superintendent, Archæological Survey, Eastern Circle,*

TO THE SECRETARY TO THE GOVERNMENT OF BENGAL,

GENERAL DEPARTMENT.

*Dated Bankipore, the 31st May 1910.*

SIR,

I HAVE the honour to submit herewith my Annual Report for 1909-10, together with a set of photographs taken during the year under report, a list of which is given in Part I, Appendix B.

I have the honour to be,

SIR,

Your most obedient servant,

A. H. LONGHURST,

*Offg. Superintendent, Archæological Survey, Eastern Circle.*

# ANNUAL REPORT

OF THE

# ARCHÆOLOGICAL SURVEY, EASTERN CIRCLE,

FOR

## 1909-1910.

## PART I.—GENERAL REMARKS.

# ANNUAL PROGRESS REPORT

OF THE

# SUPERINTENDENT, ARCHÆOLOGICAL SURVEY, EASTERN CIRCLE,

## FOR THE YEAR ENDING 31ST MARCH 1910.

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## PART I.

### GENERAL REMARKS.

1. *Conservation.*—Statements of the expenditure under this head will be found in Appendix A. Owing to the illness and death of the late Dr. T. Bloch, Superintendent of this Circle, no tours of inspection were undertaken prior to my return to the Eastern Circle in November last. During January, February and March 1910, at the request of Mr. Marshall, the Director-General of Archæology in India, I visited the Nimar and Chanda Districts of the Central Provinces in order to inspect recent repairs, to prepare record drawings, plans and photographs of certain ancient monuments at Asirgarh, Burhanpur, Chanda town and Markandi. I have since submitted to Government detailed printed conservation notes, accompanied with drawings and photographs where necessary, showing what repairs are required and how the work should be carried out, so it will serve no useful purpose to repeat it all here.

2. *Exploration.*—No fresh excavation works have been carried out since the late Dr. T. Bloch finished the work at Rajgir early in 1909, the work here being commenced by Mr. Marshall and himself as far back as 1906. The result of the excavations was somewhat disappointing as no finds of any great importance were made.

3. *Epigraphy.*—Duplicate estampages of all the Asoka Inscriptions in this circle have been taken during the year under report, with the exception of the two small inscriptions in the caves at Ramgarh Hill, which is situated in the Lakhanpur Zamindari of the Sirguja State. At the time of writing this report I have not yet received a reply from the Political Agent as to the best means of visiting this remote site, which I understand can only be reached by several days journey by elephant, owing to dense jungle and want of roads. However, this work will be completed as soon as the touring season commences.

I had duplicate estampages taken of all the remaining inscriptions at the old stone temple of Markanda Rishi at the remote village of Markandi in the Chanda district of the Central Provinces. Also an estampage of the big Sirpur Inscription now in the Raipur Museum. These have since been forwarded to the Government Epigraphist to decipher and to publish the result of his investigations.

4. *Photography*—A list of photographs taken during the year under report will be found in Appendix B.

5. *Drawings.*—A list of drawings prepared during the year under report will be found in Appendix C.

6. *Departmental Notes.*—The death of the late Dr. T. Bloch occurred on the 20th October 1909. Dr. M. A. Stein has been appointed his successor with effect from the 21st October 1909. It is understood that Dr. Stein will arrive in India in 1911 to take up his duties in this Department. In the meantime I have been appointed officiating Superintendent until further notice. At the time of Dr. Bloch's death I was officiating Superintendent of

the Northern Circle and on tour in the Kulu Valley, when I first heard of this sad loss to the Archæological Department. It was not until the 26th November 1909, that I was able to arrive in Calcutta and take over charge. On doing so, it became apparent that, if the work in this Circle was to be a success and conducted on business lines, proper and adequate accommodation would have to be provided for the establishment. Failing to find a suitable house at a moderate rent in Calcutta, I proposed to the Local Government that the headquarters of this office should be transferred to a smaller station up-country, preferably in a district rich in archæological remains, such as the Patna District. I was fortunate in finding suitable accommodation at Bankipore, the headquarters of the Patna District and, having received the sanction of the Local Government, I opened this office from Bankipore on the 1st April 1910. The advantages of this change of headquarters are many, perhaps the greatest being that I can keep more in touch with officers of the Public Works Department and visit a number of ancient monuments locally in their company and settle on the spot how certain repairs should be carried out without the trouble and expense of long railway journeys to and from Calcutta as formerly. The climate of Bankipore is not so moist or trying as Calcutta and house rent and food supplies are cheaper than in the latter station. I need hardly add that these benefits are greatly appreciated by the entire establishment.

We now have a Superintendent's office and library, clerks' office, drawing office, photographer's studio, record-room, large godowns for the storing of tents and camp furnitnre and excellent quarters for the menial establishment.

Formerly one small squalid room in the Indian Museum, Calcutta, did duty for the whole of the abovementioned accommodation, with the exception of the peons' quarters.

I have had some trouble in introducing previously unknown business methods for keeping the work of this office in order and up to date. But it is pleasant to be able to relate here that I have succeeded, and I believe the establishment appreciate the change as much as I do. No other changes have occurred. The post of Assistant Superintendent of this Circle, an architectural one, is still vacant, and as long as I remain in charge of this office there will be no necessity for filling it, as I am an architect by profession. Neither is it at all necessary to appoint a pundit or epigraphical assistant to this establishment as long as we have a Government Epigraphist at the head of this branch of the Archæological Department. It is an easy matter now for the Superintendent of a circle to prepare estampages of any new inscriptions that he may be fortunate enough to come across whilst on his inspection tours and to forward the same direct to the Government Epigraphist to be dealt with. I venture to think that this course is more satisfactory than for the Superintendent to attempt to decipher inscriptions himself with the aid of a pundit, as previous results of this kind have not always proved a success in the past.

The more we specialise in this department, or in any other, the more chances there will be of obtaining satisfactory results.

Owing to the magnitude of this circle, which includes the whole of Bengal, Eastern Bengal, Assam and the Central Provinces and their Feudatory States, it is as much as a Superintendent can do to look after the numerous ancient monuments in his charge, to prepare record drawings, plans, maps and photographs of the most important of these, to submit detailed reports accompanid with working drawings for the use of the Public Works Department, showing what repairs are required and how the work should be carried out, to prepare a list of all the ancient monuments in his charge, giving their history, locality, architectural description, present state of preservation, etc., to prepare estampages of inscriptions, to collect sculptures and other objects of art for the museums and, last but not least, to travel hundreds of miles by rail and road on inspection tours and to keep his office work both in camp and at headquarters up to date. It may be seen from the above brief review of the duties of the officer in charge of the work in this circle that very little time, if any, is available for a serious study of epigraphy—a subject which is, in itself, a life long study.

The expenditure during the year under report has been as follows:—

| 1909-1910. | Rs. A. P. | Rs. A. P. |
|---|---|---|
| *Salary of gazetted officers:—* | | |
| Superintendent's pay from March to September 1909 at Rs. 575 a month ... | 4,025 0 0 | |
| Assistant Superintendent's pay from 24th November 1909 to February 1910 ... | 1,530 0 0 | |
| Officiating allowance ... | 86 10 8 | |
| Charge allowance paid to Babu K. C. Mozumdar at Rs. 30 a month from 21st October to 25th November 1909,.. | 35 10 4 | |
| | | 5,677 5 0 |
| *Salary of non-gazetted establishment—* | | |
| 2 Clerks ... ... | 1,200 0 0 | |
| 1 Photographer ... | 1,140 0 0 | |
| 2 Draftsmen .. ... | 1,490 0 0 | |
| 4 Peons ... ... ... | 384 0 0 | |
| | | 4,214 0 0 |
| *Allowances—* | | |
| Travelling allowances ... | 2,726 4 0 | |
| | | 2,726 4 0 |
| *Supplies and Services.—* | | |
| Photographic charges ... ... | 591 1 0 | |
| Purchase of Instruments ... ... | 78 1 6 | |
| Repairs of tents ... ... | 7 2 0 | |
| | | 676 4 6 |
| *Contingencies—* | | |
| Hot and cold weather charges ... | 43 7 7 | |
| Postage charges ... ... | 60 0 0 | |
| Telegram charges ... ... | 12 3 6 | |
| Conveyance of stores, tents and records... | 208 5 0 | |
| Purchase of books ... ... | 9 9 0 | |
| Do. of office furniture ... | 444 13 0 | |
| Miscellaneous ... ... | 82 2 0 | |
| | | 860 8 1 |
| GRAND TOTAL ... | | 14,154 5 7 |

7. *Tours.*—The following statement shows the amount of time spent on tour:—

| 1910. | |
|---|---|
| January 10th to 19th | ... Burhanpur, Nimar district, Central Provinces. |
| January 20th to 26th | ... Asirgarh, Nimar district, Central Provinces. |
| February 9th to March 13th | ... Inspection tour in the Chanda district, Central Provinces. |

The two draftsmen visited the following sites in order to prepare estampages of Asoka Insrciptions required by Professor E. Hultzsch for the revised edition of Volume I of the Corpus Inscriptionum Indicarum, 1879, and ordered by the Secretary of State for India in Council in 1908:—

| | |
|---|---|
| Dhauli ... ... | ... Puri district. |
| Bettiah-Lauriya ... | ... Champaran district. |
| Araraj-Lauriya ... ... | ... Ditto. |
| Sasseram ... .. | ... Shahabad district. |
| Barabar and Nagarjoni Hills | ... Gaya district. |
| Deotak ... ... | ... Chanda district, Central Provinces. |

8. *Tour programme for 1910-11*:—The usual inspection tours concerning ancient monuments, where important repairs are in progress or are stated to have been completed, will be carried out and during these tours all available information concerning such buildings will be collected for compiling the

revised list of ancient monuments in the Eastern Circle—a work which is urgently required. A number of sites in the Patna district will be inspected. There are still a few outstanding works in the Central Provinces and Assam which will claim my attention should I remain in charge of the work in this circle.

The late Dr. Bloch, in his annual report for 1908-09, proposed to spend two or three months this year in excavating the ancient site of Nandangarh, near Lauriya in the Champaran district. Personally I think work of this kind can safely stand over until the conservation and listing of the ancient monuments that we already have above ground has been completed and brought up to date. It is very important that all conservation work be completed as soon as possible, as delay means extra expenditure in the future, and in some cases total loss of the monument through advanced decay.

A. H. LONGHURST,

*Offg. Superintendent, Archæological Survey,*

*Eastern Circle.*

## APPENDIX A.

*Statement of expenditure on conservation work, 1909-1910.*

### IN BENGAL.

| District. | Locality. | Particulars of work. | Amount sanctioned. | Amount spent. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| Calcutta ... | Calcutta ... | Maintaining tablets and lines of demarcation in connection with the old Fort William. | 171 | 175 | Completed. |
| Do. ... | Ditto ... | Repairs to towers, pillars and monuments on the maidan. | 320 | 156 | Ditto. |
| Do. ... | Ditto ... | Repairs to Holwell's monument ... | 257 | 258 | Ditto. |
| 24-Parganas ... | Dhullunda ... | Maintaining tablets in the station hospital for British troops. | 20 | 20 | Ditto. |
| Ditto ... | Dum-Dum ... | Maintaining tablets at Dum-Dum House | 5 | 5 | Ditto. |
| Ditto ... | Paikpara ... | Maintaining tablets in memory of Sir Robert Chamber. | 5 | 5 | Ditto. |
| Ditto ... | Ditto ... | Repairing Semaphore Tower ... | 15 | 15 | Ditto. |
| Ditto ... | Belghoria ... | Ditto ditto ... | 180 | 172 | Ditto. |
| Ditto ... | Barrackpur ... | Ditto ditto ... | 162 | 44 | In progress. |
| Ditto ... | Sookchar ... | Ditto ditto ... | 14 | 14 | Completed. |
| Jessore ... | Sagoredhari ... | Erecting a masonry pillar with a commemoration tablet in memory of late Michael Madhusudan Dutt, poet. | 145 | 47 | In progress. |
| Khulna ... | Bagerhat ... | Repairs to Satgambuz and tomb of Khan Jehan Ali. | 220 | 213 | Completed. |
| Darjeeling ... | Darjeeling ... | Repairs to the tomb of General Lloyd | 5 | 5 | Ditto. |
| Ditto ... | Ditto ... | Repairs to the tomb of Cosma De Koras | 5 | 5 | Ditto. |
| Purnea ... | Goonamati ... | Providing railing round tomb of J. Macquire. | 100 | 19 | In progress. |
| Sonthal Parganas. | Hadaf near Rajmahal. | Repairs to Juma Masjid ... ... | 50 | 50 | Completed. |
| Hooghly ... | Serampore ... | Repairs to Henry Martin's Pagoda ... | 35 | 45 | Ditto. |
| Do. ... | Pandua ... | Repairs to ancient buildings ... | 14,853 | 13 | Ditto. |
| Cuttack ... | Kanarak ... | Clearing sand from the compound of the Black Pagoda. | 11,197 | 1,832 | In progress. |
| Do ... | Ditto ... | Obtaining copies of drawings, etc., of the temple. | 1,832 | 654 | Ditto. |
| Do ... | Ditto ... | Repairs to the temples ... ... | 529 | 463 | Completed. |
| Do ... | Ditto ... | Cyclone damage repairs to temples ... | 51 | 24 | Ditto. |
| Do ... | Bhubaneswar | Repairs to the temples ... ... | 217 | 206 | Ditto. |
| Do ... | Ditto ... | Staining stone patches in the stone works of the temple. | ... | 6 | In progress. |
| Do ... | Ditto ... | Repairs to certain caves in the Khandagiri and Udaygiri hills. | 93 | 79 | Completed. |
| Do ... | Jajpur ... | Improvements to lightning conductors attached to Abu Nazir's mosque ... | 142 | 64 | In progress. |
| Do ... | Do ... | Repairs to Abu Nazir's mosque ... | 12 | 7 | Completed. |
| Do ... | Do ... | ,, monuments ... ... | 48 | 36 | Ditto. |
| Do ... | Do ... | Exterminating jungles from ancient monuments. | 115 | 28 | Ditto. |
| Do ... | Dhowli Hill ... | Erecting scaffoldings in front of the Asoka inscriptions. | 84 | 69 | Ditto. |
| Puri ... | Khurdah and Gurjang. | Repairs to monuments ... ... | 49 | 48 | Ditto. |
| Balasore ... | Balasore ... | ,, Dutch tombs ... ... | 20 | 18 | Ditto. |
| Champaran ... | Rampurwa ... | Removing capital and crowning figures of Asoka pillars. | 1,811 | 877 | Ditto. |
| Ditto ... | Ditto ... | Removing the shaft of the Asoka column. | 5,681 | 1,317 | In progress. |
| Champaran ... | Gobindgunge | Erecting scaffolding for taking impressions of the inscriptions of Asoka pillars. | 151 | 145 | Ditto. |
| Ditto ... | Lauriya ... | Ditto dittto ... | 149 | 146 | Ditto. |
| Arrah ... | Arrah ... | Repairs to soldiers tombs ... | 4 | 4 | Ditto. |
| | | Carried over ... | ... | ... | |

| District. | Locality. | Particulars of work. | Amount sanctioned. | Amount spent. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| | | Brought forward ... | ... | ... | |
| Shahabad ... | Shergarh ... | Do. the Fortress ... | 20 | 17 | In progress. |
| Ditto ... | Bhabua ... | Do. Mundessuri temple ... | 15 | 12 | Ditto. |
| Ditto ... | Chainpur ... | Do. Bucktiar Khan's tomb ... | 180 | 167 | Ditto. |
| Ditto ... | Buxar ... | Do. tombs ... ... | 10 | 10 | Ditto. |
| Ditto ... | Do. ... | Do. Fort and bastion ... | 40 | 33 | Ditto. |
| Ditto ... | Sassaram ... | Do. Shere Shah's tomb ... | 37 | 36 | Ditto. |
| Ditto ... | Do. ... | Do. Hossain Sur Shah's tomb ... | 36 | 35 | Ditto. |
| Ditto ... | Rhotas ... | Do. Rhotas palace ... | 220 | 222 | Ditto. |
| Ditto ... | Do. ... | Do. Inspection bungalows ... | 104 | 99 | Ditto. |
| Patna ... | Patna City ... | Do. Tall stone shaft ... | 15 | 14 | Ditto. |
| Do. ... | Manair ... | Do. Mukdam Shah's tomb ... | 520 | 543 | Ditto. |
| Patna ... | Gulzarbagh ... | Clearing silt in Agum Kua ... | 1,374 | 1,373 | Completed. |
| Do. ... | Monair ... | Repairs to Dargah of Mukdam Shah and conservation of tank south of the Dargah. | 25,265 | 6,882 | In progress. |
| Do. ... | Bihar ... | Repairs to Syed Ibrahim's tomb ... | 81 | 57 | Completed. |
| Do. ... | Konch ... | Special repairs to ancient temple ... | 1,316 | 20 | In progress. |
| Gaya ... | Rajgir ... | Erecting a corrugated iron roof and wrought iron railing for the preservation of the Maniyar Math. | 1,112 | 1,124 | Completed. |
| Do. ... | Gaya ... | Repairs to Budh-Gaya temple ... | 281 | 281 | Ditto. |
| Do. ... | Guneri ... | Ditto Budha Statue shed ... | 10 | 10 | Ditto. |
| Do. ... | Rajgir ... | Ditto Mahadeo temple ... | 100 | 69 | In progress. |
| Do. ... | Do. ... | Ditto Jain temple ... ... | 32 | 20 | Ditto. |
| Do. ... | Daudnagar ... | Ditto Sham Shere Nugger tomb ... | 30 | 30 | Completed. |
| Nadia ... | Plassey ... | Erecting monument (obelisk) at the battlefield. | 20,732 | 3,285 | Ditto. |
| Do. ... | Do. ... | Acquisition of land for constructing a bungalow and a monument. | 1,825 | 724 | Ditto. |
| Do. ... | Do. ... | Repairs to new inspection bungalow ... | 150 | 95 | Ditto. |
| Murshidabad ... | Murshidabad | Ditto tomb of Sarfaraz Khan ... | 2 | 2 | Ditto. |
| Ditto ... | Ditto ... | Ditto Khas bagh and Roshni bagh tombs. | 137 | 130 | Ditto. |
| Ditto ... | Ditto ... | Ditto tomb of Azimunnissa Begum | 70 | 69 | Ditto. |
| Ditto ... | Faridtola, Murshidabad. | Ditto do. of Mir Madan ... | 2 | 1 | Ditto. |
| | | Total ... | 92,469 | 22,644 | |

## IN THE ASSAM CIRCLE.

| Name of work. | Amount sanctioned. | Actual expenditure. | Remarks. |
|---|---|---|---|
| Cachar Division. | Rs. | Rs. | |
| *Imperial.* | | | |
| Quinton Memorial at Manipur ... ... | 20 | 19 | Ordinary repairs. |
| | ... | 19 | |
| *Provincial.* | | | |
| Dimapur ruins ... ... ... | 400 | 396 | Ditto. |
| Memorials to Dr. Brown, Mr. Heath and Captain Gordon at Langthabal and infant son of Sir Johnstone at Kanjubkhal. | 30 | 30 | Ditto. |
| Graves of Messrs. Melville and O'Brien at Myangkhong. | 20 | 20 | Ditto. |
| Memorials of Mr. Damant and Major Cock at Khanawa and Lieutenant Forbes at Sachima. | 85 | 85 | Ditto. |
| Darbar Hall, Coronation Room, Citadal wall, Nautchghar and Jubraja's Temple at Manipur. | 300 | 289 | Ditto. |
| Total for Cachar Division { Imperial ... | 19 | 839 | |
| Total for Cachar Division { Provincial ... | 820 | | |

| Name of work. | Amount sanctioned. | Actual expenditure. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| **SYLHET DIVISION.** | | | |
| (Imperial.) | | | |
| (*Provincial.*) | | | |
| Demarcating boundaries of the old Fort at Badarpur. | 16 | 16 | |
| **LOWER ASSAM DIVISION.** | | | |
| (*Provincial.*) | | | |
| Temple of Hayagriva at Hajo in Kamrup District Restoring the vestibule and repairing the temple. | 4,781 | 4,508 | In progress. The work could not be completed for want of materials which the carrying agent appears to have miscarried. |
| Repairs to ancient tombs at Jogighopa in the Goalpara District. | 25 | 25 | Completed. |
| Tomb of Lt. Cresswell at Goalpara ... ... | 25 | 20 | Completed. |
| Total for Lower Assam Division ... | ... | 4,559 | |
| **LAKHIMPUR DIVISION.** | | | |
| Nil. | | | |
| Sibsagar Division. | | | |
| *Provincial.* | | | |
| Restoration of two temples on the north bank of Joysagar, near Sibsagar. | 2,218 | 2,332 | Completed. |
| Thorough repairs to Bishnudole Temple ... | 2,605 | 1,940 | Ditto. |
| Annual repairs to monuments and antiquities in the Sibsagar Subdivision— | 410 | 382 | Ordinary maintenance only. |
| | Rs. | | |
| (*a*) Annual repairs Ahom Raja's palace | 150 | | |
| (*b*) „ „ Ranghar ruins ... | 42 | | |
| (*c*) „ „ Kenanghar ruins ... | 110 | | |
| (*d*) „ „ Joysagar Temple ... | 40 | | |
| (*e*) „ „ Gaurisagar Temple | 40 | | |
| | 382 | | |
| Total for Sibsagar Division ... | ... | 4,644 | |
| Khasi and Jaintia Hills Division. | | | |
| *Provincial.* | | | |
| Annual repairs to Manipur memorial at Shillong .. | 10 | 10 | |
| „ „ to Scott's monument at Cherrapoonjee. | 10 | 10 | |
| Annual repairs to the monument to the memory of Lieutenants Beadingfield and Burlton at Nongkhlow in Cherra Subdivision. | ... | 10 | |
| Total for Khasi and Jaintia Hills Division ... | ... | 30 | |

| Name of work. | Amount sanctioned. | Actual expenditure. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| Central Assam Division. | | | |
| *Provincial.* | | | |
| Ruins of temple at Bamuniparbat. Annual clearance of jungle, etc. | 40 | 25 | Completed. |
| Total expenditure ... | ... | 10,113 | |

*Abstract.*

| | |
|---|---|
| Total Imperial ... ... ... | 19 |
| Total Provincial ... ... ... | 10,094 |

## IN EASTERN BENGAL CIRCLE.

| Name of work. | Amount sanctioned. | Amount spent. | Remarks. |
|---|---|---|---|
| | Rs. | Rs. | |
| Tomb of Bibi Peri at Lalbagh Fort, Dacca ... | 103 | 94 | Completed. |
| Remains of the old Fort at Munshiganj .... | 200 | 197 | Ditto. |
| Mosque of Sadi in village Agarsundor on the bank of the Brahmaputra at Kishoreganj in Mymensingh. | 100 | 100 | Ditto. |
| Remains of the old Fort at Lalbagh, Dacca ... | 300 | 300 | Ditto. |
| Tombs of Rev. Jessop Pagot and Colombo Shahib at Dacca. | 150 (Including cemetery at Dacca.) | 26 | Completed. The balance of the estimate expended on cemetery. |
| Mosque at Kusumba ... ... ... | 4,200 | 2,653 | Completed. |
| Archæological buildings at Gour and Pandua ... | 939 | 846 | Ditto. |
| Total ... | 5,992 | 4,216 | |

CENTRAL PROVINCES.

| District. | Locality. | Name of work. | Amount sanctioned. | Amount spent. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| Bhandara | Balaghat ... | Certain improvements to the ruins of the Lanji Fort in the Balaghat district. | 252 | 268 | Completed. All jungle growth removed from the ruins which were made watertight by pointing all joints and cracks. The silt accumulated in the temple was cleared and a drain excavated to carry off rain water. Images scattered about in the village were collected and arranged along the side of the temple yard. |
| Chanda ... | Markandi | Collecting the fallen sculptures and carved stones of the Markanda temple in the Chanda district. | 317 | 273 | Completed. |
| Do. ... | Lalpeth-Kosara. | Providing iron fencing round the monuments of the officers who fell in the siege of Chanda City. | 947 | 942 | Ditto. |
| Chanda ... | Chanda ... | Repairs to the temple of Mahadeo, near the Municipal office, Chanda. | 8 | 7 | Completed. |
| Akola ... | Narnalla ... | Certain improvements to Narnalla Fort. | 231 | 319 | Ditto. |
| Do. ... | Ditto ... | Mounting on platform of dressed stone masonry the two old guns lying near the Akot gateway of the Narnalla Fort. | 295 | 306 | Ditto. |
| Buldana... | Fathekelda | Restoring the old mosque at Fathekelda. | 128 | 68 | Ditto. |
| Buldana... | Lonar ... | Restoring the old temple and dharamsala at Lonar. | 440 | 307 | Completed. |
| Raipur ... | Arang ... | Special repairs to the old Jain temple. | 617 | 563 | The work was completed on 31st March 1910 and the following works were carried out:— (1) The dome was refixed and supported from inside. (2) All the stones which had got loose were fixed in position and some stones obtained from village and replaced. (3) General repairs and cleaning. |
| | | Carried over ... | ... | ... | |

| District. | Locality. | Name of work. | Amount sanctioned. | Amount spent. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| | | Brought forward ... | ... | ... | |
| Bilaspur... | Janjgir ... | Restoring the two Hindu temples. | 1,126 | 1,120 | The work was completed on 31st March 1910 and the following works were executed during the year :—<br><br>Big Temple.<br><br>(1) Cleaning of rank vegetation.<br>(2) Cement concrete on flat roof.<br>(3) Fixing teak door.<br>(4) Lifting and fixing large stones in position.<br>(5) Cleaning site and levelling compound.<br>(6) Providing outlet for roof rain water.<br><br>Small Temple.<br><br>(1) Wire fencing and fixing wooden gate.<br>(2) Murrum ramping and levelling compound.<br>(3) Fixing window to aperture.<br>(4) Concrete in founds.<br>(5) Uprooting roots and cutting branches of pipal tree. |
| Bilaspur... | Pali ... | Repairs to the Mahadeo Temple | 1,500 | 1,474 | The work remained unfinished on the 31st March 1910. The following works were carried out during the year :—<br>(1) Clearing of vegetation.<br>(2) Platform wall north and south completed.<br>(3) East and west earthen platform finished.<br>(4) Flooring of Mandapa finished.<br>(5) Steps built.<br>(6) Scaffolding north and south finished.<br>(7) Work of digging out sculpture stones partly done. |
| | | Carried over ... | ... | ... | |

| District. | Locality. | Name of Work. | Amount sanctioned. | Amount spent. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| | | Brought forward ... | ... | ... | |
| Drug ... | Deo Baloda | Rebuilding the walls of the Shivas Temple. | 2,451 | 2,453 | The work was completed in December 1909. Work done during the year is as follows:— Parts of the walls which had fallen down had been rebuilt. Broken sill stones were supported and others replaced. General repairs done and site cleared. |
| Do. ... | Ditto ... | Protecting the old sandstone temple. | 360 | 362 | Work completed in December 1909 as under:— Wire fencing fixed round the temple compound. General repairs done and site cleared. |
| Nimar ... | Burhanpur | Repairs to Jumma Masjid ... | 2,455 | 2,455 | Work completed on 31st March 1910 The following work was executed during the year:— Clearing of compound, clearring vegetation, repairs to terrace roof, rebuilding a corner of eastern room. Providing new doors, constructing two new Hamam khanas, taking off and providing new roof over the gateway. |
| Do. ... | Ditto | Clearing and repairing certain ancient monuments in and near Burhanpur. | 2,062 | 2,076 | Work completed on 31st March 1910. The following works were executed during the year :— *Bibi Masjid*— (1) Filling cracks of minar. (2) Clearing vegetation and clearing compound. *Shah Nawajkhan's Tomb*— (1) New floors in verandah and verandah rooms. (2) Repairs to plaster. (3) Clearing vegetation and clearing compound. (4) Fixing new stones in Chhajja. (5) Some other petty repairs. Shah Sujah's Tomb. and Adil Khan's Tomb do. |
| Nimar ... | Burhanpur | Maintaining ancient monuments at and near Burhanpur. | 470 | 469 | Work completed on 31st March 1910. The following works were executed during year:— Three chowkidars employed to look after the monuments throughout the year. Petty repairs to walls, etc., effected, and vegetation cut down. |
| | | Carried over .. | ... | ... | |

| District. | Locality. | Name of work. | Amount sanctioned. | Amount spent. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| | | Brought forward ... | ... | ... | |
| Nimar ... | Asirgarh ... | Repairs to Shah Niwa's Tomb... | 361 | 361 | Work completed on 31st March 1910 and the following works executed during the year:— (1) Filling in cracks of tomb. (2) Providing new doors. (3) building of steps. (4) Clearing vegetation in the compound. (5) Making an approach road. |
| Do. ... | Nimbola ... | Protecting Col. Fraser's Tomb ... | 378 | 378 | The work was completed on 31st March 1910 and the following work executed during the year:— A stone pitched protection against the bank of river was constructed under Col. Fraser's Tomb at Nimbola. |
| | | Total ... | 14,398 | 14,201 | |

## APPENDIX B.

*List of photographs taken in 1909-10.*

The negatives are all full plates.

Central Provinces.

| Serial number. | District. | Locality. | Subject. |
|---|---|---|---|
| 158c | Nimar ... | Burhanpur ... | Tomb of Nadir Shah. |
| 159c | Do. ... | Ditto ... | Detail of wooden pillar in Bangle-makers' Masjid. |
| 160c | Do. ... | Ditto ... | Detail of prayer niche in Bibi Masjid. |
| 161c | Do. ... | Ditto ... | Ancient water tower. |
| 162c | Do. ... | Ditto ... | Raja's Chhattri. |
| 163c | Do. ... | Ditto ... | Do. Details of pillars. |
| 164c | Chanda ... | Markandi ... | Markanda Rishi Temple, south elevation. |
| 165c | Do. ... | Do. ... | Ditto, details of south side. |
| 166c | Do. ... | Do. ... | Ditto, ditto. |
| 167c | Do. ... | Do. ... | Ditto, details of south doorway. |
| 168c | Do. ... | Do. ... | Ditto, details of south side. |
| 169c | Do. ... | Do. ... | Ditto, ditto. |
| 170c | Do. ... | Do. ... | Ditto, details of south western angle of temple. |
| 171c | Do. ... | Do. ... | Ditto, details of north side. |
| 172c | Do. ... | Do. ... | Ditto, ditto. |
| 173c | Do. ... | Do. ... | Ditto, ditto. |
| 174c | Do. ... | Do. ... | Ditto, details of east side. |
| 175c | Do. ... | Do. ... | Ditto, details of sanctum doorway. |
| 176c | Do. ... | Do. ... | Ditto, brass *Linga* cover in sanctum. |
| 177c | Do. ... | Do. ... | Sculpture details. |
| 178c | Do. ... | Do. ... | Front elevation of Markanda Rishi Temple. |
| 179c | Do. ... | Do. ... | Ditto, details of pillars. |
| 180c | Do. ... | Do. ... | Sculpture details. |
| 181c to 186c | Do. ... | Do. ... | Details of sculptures lying in the compound of the temple. |

# APPENDIX C.

*List of drawings plotted during the field season 1909-1910.*

73. Proposed repairs to Markanda Temple, Chanda district, Central Provinces.
74. Site plan of the temples at Markanda, Chanda district, Central Provinces.
75. Ground plan of the Markanda Rishi temple, Markanda, Chanda district, Central Provinces.
76. South elevation of the Markanda Rishi Temple, Markanda, Chanda district, Central Provinces.
77. Ground plan of the Markanda Rishi Temple, Markanda, Chanda district, Central Provinces.
78. Detail of a ceiling from Markanda Temple, Markanda, Chanda district, Central Provinces.
79. Site plan of the tombs of Adil Shah Ferro, etc., Burhanpur, Central Provinces.
80. South elevation of the Nadir Shah's tomb, Burhanpur, Central Provinces.
81. South elevation of the Adil Shah Ferro's tomb, Burhanpur, Central Provinces.
82. Ground plan of the Shah Sujah's tomb, Burhanpur, Central Provinces.
83. Proposed design for inscription shelters at Asirgarh, Nimar district, Central Provinces.

# PART II.

## NOTES ON PLACES VISITED.

IN

## 1909-1910.

NIMAR DISTRICT: CENTRAL PROVINCES.

**Asirgarh.**—In January last I inspected the ancient monuments in the fort and village of Asirgarh. I found nothing to add in the way of repairs to the estimate already prepared at the instance of the Deputy Commissioner of Nimar. The late Dr. Bloch was of opinion that the metal screens suggested by the Deputy Commissioner for the preservation of the valuable inscriptions in the fort were unnecessary; but in this he was mistaken, as some of the characters have already become obliterated through constant exposure. I have since submitted a sketch showing how the screens should be made and fixed to prevent further decay.

**Burhanpur.**—Most of the repairs to the important ancient monuments here have been completed. I have since submitted to Government a detailed report, dated April 1910, showing what further repairs are required. Several record drawings and photographs were prepared.

CHANDA DISTRICT: CENTRAL PROVINCES.

**Chanda Town.**—The repairs to certain ancient monuments at Chanda as suggested in my conservation notes dated February 1908, have, for the most part, been completed and the fine old city walls with their handsome gateways and massive bastions are now in a very fair state of preservation and form an excellent example of Gond architecture. The monuments erected to British officers who fell at the siege of Chanda in 1818 and the tombs of the old Gond Rajas have all been repaired and are now in good order.

The ground around the huge monoliths at Lalpeth has been enclosed with a wire fence in order to let the public know that these monuments are protected by Government, otherwise the villagers might start cultivating this plot of land and we should then have trouble and disputes in the future with regard to its ownership.

**Markandi.**—The picturesque group of old stone temples here, with their profuse decoration, interesting sculptures and inscriptions, are described at some length in volume IX of General Cunningham's Archæological Reports. I visited this site in order to see what steps could be taken to save the temple of Markanda Rishi, which is the largest and oldest in the group, from further decay. The upper portion of the sanctum tower or spire is too decayed to attempt to restore it. However, it may be saved from further decay by filling up the numerous cracks and open joints in the masonry with cement in order to make this portion proof against the rains and the growth of vegetation. I have since submitted a detailed report accompanied with a working drawing showing how this temple should be repaired, as a written description without drawings or photographs would be of no practical assistance to the Public Works Department in carrying out the repairs. I had several record plans and drawings made and over two dozen photographs taken of the interesting sculptures and architectural details. Owing to its remote situation the village of Markandi and its interesting group of temples is little known, and any one wishing to visit this site must be prepared to undergo some hardships *en route*. As Cunningham's account of the inscriptions is not as satisfactory as it might be, I had duplicate estampages taken of all the inscriptions that remain. These have since been forwarded to the Government Epigraphist. I also had a record site plan of the entire group of temples prepared, as I found that the one given by Cunningham is not accurate. Valuable as the illustrations are which accompany Cunningham's old reports, it is a mistake to accept them as accurate records, without checking the measurements on the spot. I have on several occasions both in this circle and in the northern circle found some of his illustrations far from correct.

A. H. LONGHURST.

*List of Public Libraries, etc., to which copies of the Report of the Archæological Survey, Eastern Circle, are supplied.*

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### United Kingdom.

British Museum Library, Great Russell Street, Bloomsbury, London.
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Cambridge University Library, Cambridge.
Edinburgh University Library, Edinburgh.
Glasgow University Library, Glasgow.
Aberdeen University Library, Aberdeen.
Trinity College Library, Dublin.
Folklore Society, 11, Old Square, Lincoln's Inn, London, Western Circle.
National Art Library, South Kensington Museum, London.
Royal Institute of British Architects, 9 Conduit Street, Hanover Square, London, West.
Advocate's Library, Edinburgh.
The Royal Library, Windsor Castle, Berks.
The Royal Society, Burlington House, Piccadilly, London.
Royal Society, Edinburgh.
Royal Irish Academy, 19, Dawson Street, Dublin.
National Library of Ireland, Leinster House, Kildare Street, Dublin,
Royal Asiatic Society, 22, Albemarle Street, London.
Society of Antiquities of Scotland, National Museum of Antiquities, Queen Street, Edinburgh.
Imperial Institute, London.
Indian Institute, Oxford.
Society for Protection of Ancient Buildings, 10, Buckingham Street, Adelphi, Western Circle.
The Royal Academy of Arts, Burlington House, London.
Royal Indian Engineering College, Cooper's Hill, Englefield Green, Surrey.
Society for the Promotion of Hellenic Studies, London.
Bendall Library, Cambridge.

### France.

Bibliotheque Nationale, Paris.
Institute de France, Paris.
Musée Guimet, 7, Place d'Lena, Paris.
The Societé Asiatique, 1 Rue'de Seine, Paris.

### Germany.

Bibliothek der Deutschen Morgenländischen Gesellschaft, Halle (Saale), Germany.
Kgl. Preussiche Akademie der Wissenchaften.
Potsdamerstrasse, 120, Berlin, West, 35.

### Austria.

Imperial Academy of Sciences, Vienna.
Hungarian Academy, Buda-Pesth.

### Italy.

Biblioteca Nazionale Vittorio Emanuele, Rome.
R. Biblioteca Nazionale Centrale di Firenze.
British School at Rome.
American School of Classic Studies at Rome.

### OTHER COUNTRIES IN EUROPE.

Koninklijke Akademie van Weetenschappen to Amsterdam, Holland.
Royal Institute of Netherlands India, The Hague, Holland.
Imperial Academy of Sciences (for the Asiatic Museum), St. Petersburgh, Russia.
Royal Library, Copenhagen, Denmark.
Académie Royale d' Archéologie de Belgique, Anvers.
University Library, Upsala, Sweden.
" " Christiana, Norway.
British School at Athens, Greece.
La Société Archéologique d' Athènes, Athèns, Greece.

AMERICA.

American Oriental Society, 235, Bishop Street, New Haven, Conn., U. S. A.
Smithsonian Institution, Washington, D.C., U.S.A.
Secretary, National Museum, Washinton, U.S.A.
Field Museum of Natural History, Chicago, U.S A.

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The Museum, Canterbury, New Zealand.
Literary and Historical Society, Quebec, Canada.
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Royal Asiatic Society, Ceylon Branch, Colombo.
Straits Branch, Royal Asiatic Society, Singapore.

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Directeur de L'Ecole FranCaise d'Extreme Orient, Hanoi.
Bataviaasch Genootsehap van Kunsten en Weetenschappen, Batavia.
Institut FranCais D'Archeologie Orientale du Caire, Cairo, Egypt.
Museum of Arabic Art, Cairo, Egypt.
Ethnological Survey for the Philippine Islands, Department of Interior, Manila.

## II.—INDIA.

### (1)—Imperial.

Imperial Library, Calcutta.
Indian Museum, Calcutta.
Press Room, Calcutta and Simla.*
Central Library, Army Head-Quarters, Simla.
Reverend A. H. Francke, *C/o* Director-General of Archæology in India, Simla.

### (2)—Provincial.

#### Madras.

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#### Bombay.

Secretariat Library, Bombay.
University ,, ,,
Bombay Branch of the Royal Asiatic Society, Town Hall, Bombay.
School of Art, Bombay.
The College of Science, Poona.

#### Bengal.

Secretariat Library, Writers' Buildings, Calcutta.
University Library, the Senate House, Calcutta.
Presidency College Library, 1, College Square, Calcutta.
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Asiatic Society of Bengal, 57, Park Street, Calcutta.
Editor, Bengal Past and Present, Kidderpore Vicarage, Calcutta.
Mahabodhi Society, Baniapooker Lane, Calcutta.

#### United Provinces.

Secretariat Library, Public Works Department, Allahabad.
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BURMA.

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Secretariat Library, Nagpur.
Museum Library, Nagpur.

ASSAM.

Secretariat Library, Shillong.

COORG.

The Chief Commissioner of Coorg's Library, Bangalore.
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HYDERABAD.

The Resident's Library, Hyderabad.

CENTRAL INDIA.

Library of the Agent to the Governor-General, Indore.
The Librarian, Dhar Museum Library, Dhar.
Rajkumar College, Indore.

RAJPUTANA.

Library of the Chief Commissioner and Agent to the Governor-General, Ajmere.
College Library, Ajmere.

BARODA.

Library of the Resident at Baroda.
Museum Library, Baroda.

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